

■ *White Paper*

Network Installation of
ScanSoft PDF Create! 2



Introduction

Network installation enables a system administrator to “push” applications out to client computers without the need to visit each client system.

The administrator can place an image of an application’s install program on a server, and then configure the server to automatically “push” the application onto the client system.

Both Microsoft® Windows 2000 Server and Microsoft® System Management Server (SMS) support this type of network installation.

Windows 2000 Server with Active Directory

Active Directory is a feature of Windows 2000 Server. Group Policy, a component of Active Directory, includes a Software Installation snap-in that enables an administrator to create a network installation. The administrator can install software to Windows 2000 or Windows XP clients. The administrator cannot use the snap-in to install to clients with older versions of the Windows operating system.

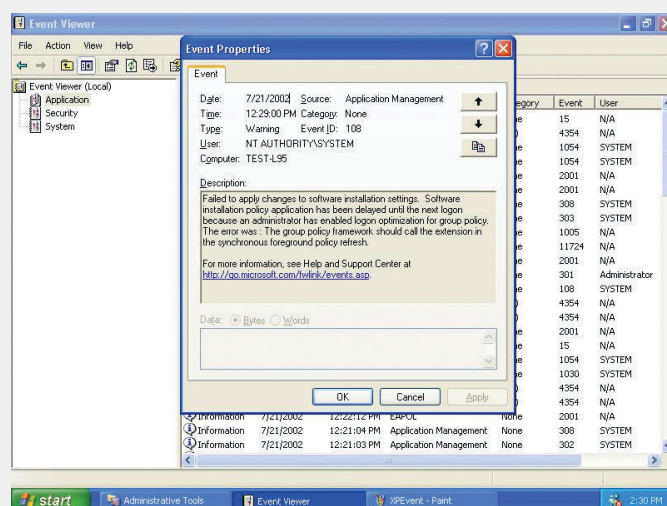
Active Directory supports three main installation scenarios: Publish to Users, Assign to Users, and Assign to Computers.

Publish to Users will “advertise” the program in Add/Remove Programs in the user’s Control Panel. The program will not be installed until the user chooses to add it.

Assign to Users will also “advertise” the program, but it will be available from a Start Menu shortcut, a Desktop short-cut, and from Add/Remove programs in the user’s Control Panel.

Assign to Computers will install the software on the computer during the next computer reboot.

PDF Create! 2 supports the Assign to Computers scenario and will successfully install the software when the computer is rebooted. It can be delayed on Windows XP clients when the administrator enables logon optimization for group policy, in which case you will see an entry in the event log after the first reboot, as shown above. The installation is then performed on the second reboot.



The installation takes place silently, and the software is installed for all users on the computer.

PDF Create! 2 does not support Publish to Users or the Assign to Users scenarios.

Active Directory also supports ZAP files as a mechanism for installing programs that are not compatible with Microsoft Windows Installer. Because PDF Create! 2 is Windows Installer compatible, ZAP files are not necessary.

Administrative installation of PDF Create! 2

1. Run setup.exe with /a parameter from installation CD.
2. Select the language for installation.
3. Specify a network location for the server image of PDF Create! 2.
4. Share this location (folder).

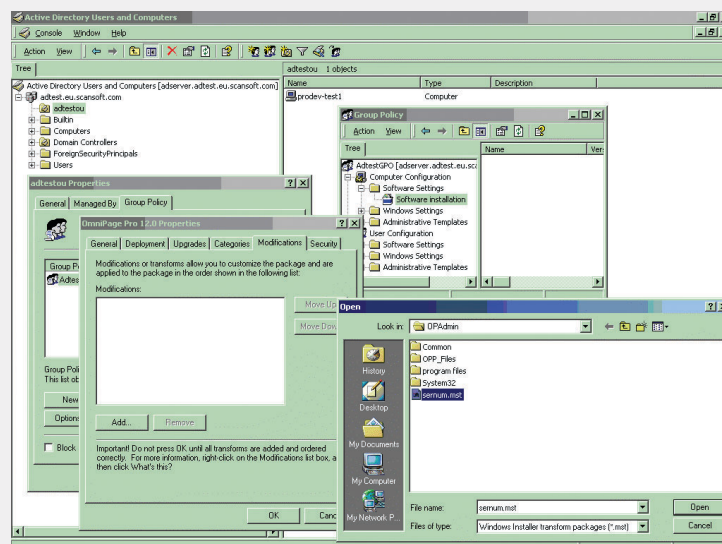
Creating the SerNum.mst Windows Installer transform file

1. Launch the MkMst.exe utility located in the Tools folder on the PDF Create! 2 installation CD. You can click Cancel to close the wizard at any time.
2. Click Next on the Welcome screen.
3. Browse for the ScanSoft PDF Create 2.0.msi Windows Installer package in the folder where server image of PDF Create! 2 has been installed.
4. Specify a name and a location (best if you use the same folder where server image of PDF Create! 2 has been installed) for the generated transform file. Be sure you have write privileges for the destination folder.
5. Click Next.
6. Enter your product serial number in the xxxxx-xxx-xxxx-xxxx-xx format.
7. Click Finish to generate the transform file.

Deployment example

Requirements:

- A deployment target computer that is a member of a domain, site, or organizational unit
- A working Active Directory environment
- The SerNum.mst transform file



- **Productivity Applications Division**

Active Directory is ready to install ScanSoft PDF Create! 2 on client computers. For correct installation, Windows 2000 clients require SP3 or higher, otherwise MSI 2.0 (intmsi.exe) must be installed prior to network installation of PDF Create! 2.

Systems Management Server

Systems Management Server (SMS) provides a mechanism for pushing application installations out from the server to client systems. SMS supports all versions of Windows, but is limited to Windows 95, 98, Me, NT 4.0, XP, and Windows NT® 4.0, when installing products that use Windows Installer (MSI) technology. SMS requires that a client application be installed on all client machines. PDF Create! 2 was tested using SMS version 2.0 with Service Pack 4.

SMS enables you to deploy a setup package per User or per System. PDF Create! 2 has been verified to work in the per System configuration. It has not been tested in the per User configuration. The per System installation of PDF Create! 2 can be configured to either run unattended or attended. Instructions for controlling this are provided below.

PDF Create! 2 uses Windows Installer Technology. Microsoft has published a document that describes using Windows Installer-based applications with SMS. The document, entitled "Deploying Windows Installer Setup Packages with Systems Management Server 2.0," is available from <http://www.microsoft.com/smsserver/techinfo/deployment/20/>

Deploying PDF Create! 2 from ad SMS server

1. Prepare an administrator installation of PDF Create! 2 by using the Windows Installer /a command-line option:
Msiexec.exe /a "ScanSoft PDF Create 2.0.msi"
2. When specifying the command line on the General tab of the Program Properties dialog, use one of the following command-line options:
 - To run the installation unattended, use the following command line:
msiexec /i "scansoft pdf create 2.0.msi" ISX_SERIALNUM="12345-123-1234-1234-12" /q ALLUSERS="1" where "12345-123-1234-1234-12" is your unique PDF Create! 2 serial number.
 - To run the installation attended, use this command line:
msiexec /i "scansoft pdf create 2.0.msi" ISX_SERIALNUM="12345-123-1234-1234-12" where "12345-123-1234-1234-12" is your unique PDF Create! 2 serial number



Productivity Applications
Division
ScanSoft International, Inc.
9 Centennial Drive
Peabody, MA 01960
www.ScanSoft.com

© 2004 ScanSoft, Inc. All rights reserved. OpenSpeech, OpenSpeech DialogModules, OpenSpeech Insight, ScanSoft and SpeechWorks are trademarks or registered trademarks of ScanSoft, Inc. All other trademarks are properties of their respective owners.

CODE